Pro-face
for the best interface

Product Guide
2014

- Touch Operator Interface
- Operator Interface Plus Control
- Industrial PC
- Industrial Flat Panel Monitor
- Software

www.proface.com

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Pro-face 2014 New face: SP5000 SERIES

SMART PORTAL

Connecting information and people for optimal communication

Valuable information in the right format

Having more information is not necessarily better than having less. Value is created when the right information reaches the right people in the right format.

Bring your factory closer to your office

By segmenting the network, SMART PORTAL makes it possible to connect factories and offices while ensuring the highest security.

Simple to use —any time, any place

Overseas production and the diversification of market needs have increased the need for efficient machine setup and maintenance.

Check out the Movies
http://www.proface.com/product/smart_portal/sp5000.html

Smart Portal: SP5000 SERIES

Display X Box module design provides flexible functionality and size.

15" Premium

SP-5700TP

- 16 million colors TFT
- 1,024 × 768 pixels (XGA)
- Resistive Film (analog, multi-touch)
- Auto Scaling
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

12" Premium

SP-5600TP

- 16 million colors TFT
- 1,024 × 768 pixels (XGA)
- Resistive Film (analog, multi-touch)
- Auto Scaling
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

12" wide Advanced

SP-5600WA

- 262,144 colors TFT
- 1,280 × 800 pixels (WXGA)
- Resistive Film (analog)
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

10" Premium

SP-5500TP

- 16 million colors TFT
- 800 × 600 pixels (SVGA)
- Resistive Film (analog, multi-touch)
- Auto Scaling
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

10" wide Advanced

SP-5500WA

- 262,144 colors TFT
- 1,280 × 800 pixels (WXGA)
- Resistive Film (analog)
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

7" wide Advanced

SP-5400WA

- 262,144 colors TFT
- 800 × 480 pixels (WVGA)
- Resistive Film (analog)
- Color Variation

Brightness Sensor
USB (Host) USB (Device)
DC

Box Open

SP-5B40

- Data Backup 320 KB
- Application 64MB (Screen Size)
- Application approx. 5GB (Free Space)

Ethernet 2ch
COM 2 ch
AUX 1ch DVI-D 1ch
Audio Input 1ch
USB (Host) 3ch USB (Device) 1ch
DC

Box Power

SP-5B10

- Data Backup 320 KB
- Application 64MB (Screen Size)
- Built-in Control Program

Ethernet 2ch
COM 2 ch
AUX 1ch DVI-D 1ch
Audio Input 1ch
USB (Host) 2ch USB (Device) 1ch
DC

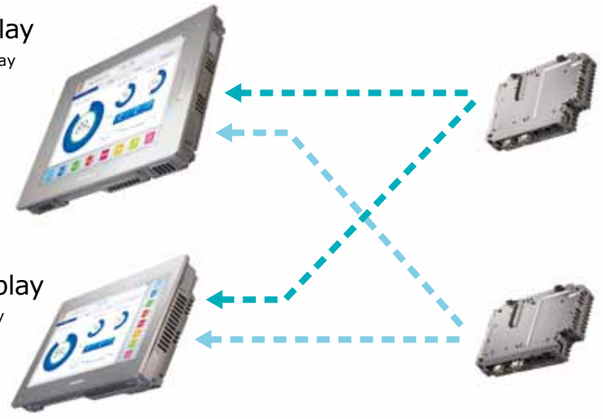
12 Combinations

Premium Display

High performance display supports multi-touch operation and provides brightness sensor and auto-scaling.

Advanced Display

The wide-screen display can display a large amount of information.



Open Box

Able to run a variety of Windows applications on WES7.
(equipped with HMI Runtime standard)

Power Box

Solid box achieves high-speed processing and fast display.

For further informations, visit our website.
http://www.proface.com/product/smart_portal/sp5000.html

Touch Operator Interface: GP4000 SERIES

The GP4000 Series brings high performance with an even more user-friendly interface.

12.1" Standard

GP-460xT

- 65,536-color TFT
- 800 × 600 pixels (SVGA)
- Analog or Matrix Touch Panel
- Application 32MB
- Data Backup 320KB
- Alarm Analysis Database
- Built-in Control Program
- Replaceable Battery
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC
Coated models are available
COM-isolated models are available

10.4" Standard

GP-450xT

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog or Matrix Touch Panel
- Application 32MB
- Data Backup 320KB
- Alarm Analysis Database
- Built-in Control Program
- Replaceable Battery
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC
Coated models are available
COM-isolated models are available

7.5" Standard

GP-4401T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 32MB
- Data Backup 320KB
- Alarm Analysis Database
- Built-in Control Program
- Replaceable Battery
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC

5.7" Standard

GP-430xT

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Alarm Analysis Database
- Built-in Control Program
- Replaceable Battery
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC
Coated models are available
COM-isolated models are available

3.5" Standard

GP-420xT

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Alarm Analysis Database
- Built-in Control Program
- Color Variation

Ethernet
COM 1 ch
SD Card
USB (Host) USB (Device)
AC DC
COM-isolated models are available

10.4" W

GP-4501TW

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 128KB
- Built-in Control Program
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC

7.0" wide W

GP-4401WW

- 65,536-color TFT
- 800 × 480 pixels (WVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 128KB
- Built-in Control Program
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC

5.7" W

GP-4301TW

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 128KB
- Built-in Control Program
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC
Coated models are available

3.5" W

GP-4201TW

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 128KB
- Built-in Control Program
- Color Variation

Ethernet
COM 2 ch
SD Card
USB (Host) USB (Device)
AC DC

For further informations, visit our website.
http://www.pro-face.com/product/hmi/gp4000/index.html

Touch Operator Interface: GP4000 SERIES

The GP4000 Series brings high performance with an even more user-friendly interface.

GP-4301TM

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 128KB

Ethernet
COM 1 ch
SD Card
USB (Host) USB (Device)
AC DC

GP-4201TM

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 128KB

Ethernet
COM 1 ch
SD Card
USB (Host) USB (Device)
AC DC

GP-4100

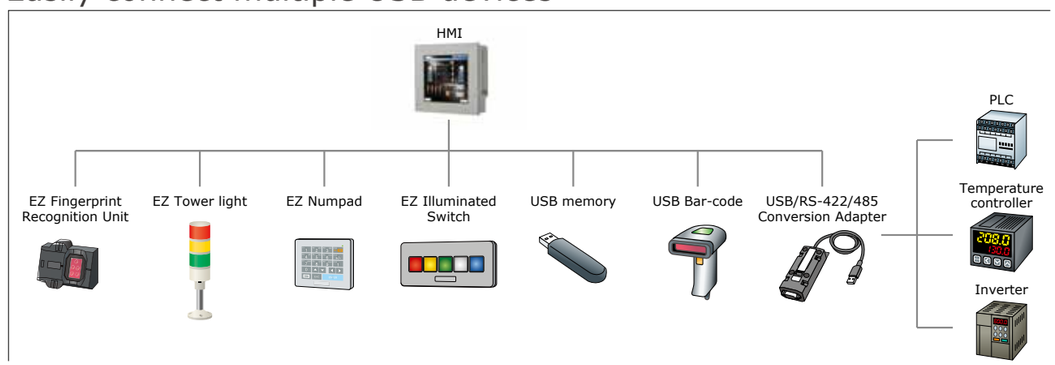
- 16-shades Mono
- 3-color Switchable Backlight
- 200 × 80 pixels
- Analog Touch Panel
- Application 2.2MB
- Data Backup 128KB

Ethernet *1
COM 1 ch *2
SD Card
USB (Host) USB (Device)
AC DC

COM-isolated models are available

*1: GP-4104 only
*2: Excluding GP-4104

Easily connect multiple USB devices



Rear-mount Model

Color Variation

Silver
PANTONE 8401C

Off-white
PANTONE Cool Gray 1C

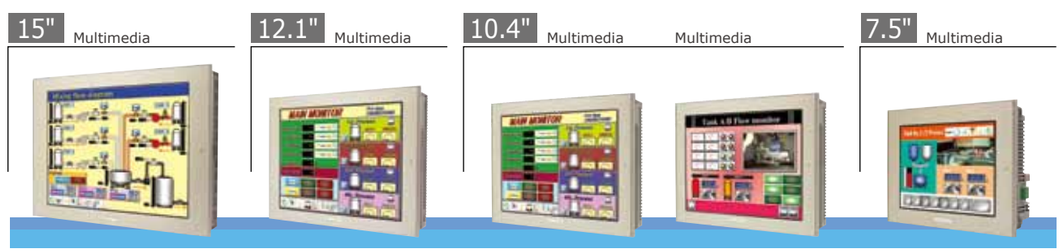
Beige
PANTONE 7535C

Black
PANTONE 432C

For further informations, visit our website.
http://www.pro-face.com/product/hmi/gp4000/index.html

Touch Operator Interface: GP3000 SERIES

The GP3000 Series is available in a wide variety of sizes from 5.7" to 15".



GP-3750T

- 65,536-color TFT
- 1,024 × 768 pixels (XGA)
- Analog Touch Panel
- Application 16MB*
  *10MB when the Event Recorder Function is in use.
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

Coated models are available

GP-3650U/T

- 65,536-color TFT
  GP-3650U is ultra high-brightness model
- 800 × 600 pixels (SVGA)
- Analog Touch Panel
- Application 10MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

Coated models are available

GP-3560T

- 65,536-color TFT
- 800 × 600 pixels (SVGA)
- Analog Touch Panel
- Application 10MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

Coated models are available

GP-3550T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 10MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

Coated models are available

GP-3450T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 10MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

Coated models are available

GP-3360T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

GP-3300U

- 65,536-color TFT
- Ultra high-brightness model
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 320KB
- Built-in Control Program

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

GP-3310HT

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 8MB
- Data Backup 320KB

Ethernet
COM 1 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

GP-3300HS

- 4,096-color STN
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 320KB

Ethernet
COM 1 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

GP-3300HL

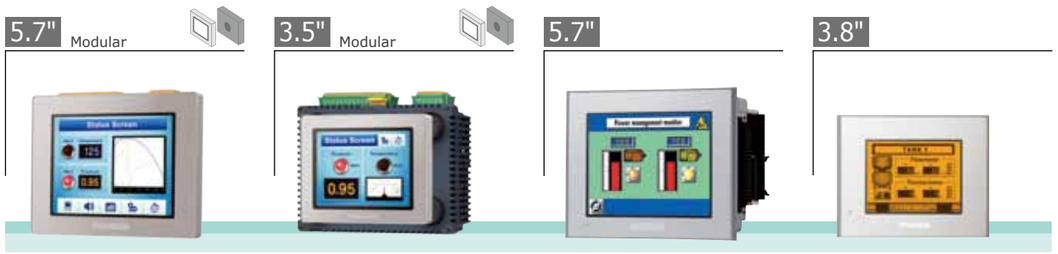
- 16-shades Mono
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 320KB

Ethernet
COM 1 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) CF Card
Video In Sound In
AC DC

For further informations, visit our website.
http://www.pro-face.com/product/hmi/gp3000/index.html

Operator Interface Plus Control: LT4000M/3000SERIES

Controllers with touch operator interface



LT-4301TM

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 256KB
- Built-in Control Program
- Alarm Analysis Database

DIO | AIO *

Ethernet
COM 1 ch
USB (Host) | USB (Device)
DIO:Max.20-in/Max.12-out.
AIO:Max.4-in/Max.2-out. *
AC | DC

*Analog model only

LT-4201TM

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 256KB
- Built-in Control Program
- Alarm Analysis Database

DIO | AIO *

Ethernet
COM 1 ch
USB (Host) | USB (Device)
DIO:Max.20-in/Max.12-out.
AIO:Max.4-in/Max.2-out. *
AC | DC

*Analog model only

LT-330xT/L

- 65,536-color TFT
  16-shades Mono
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 128KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen *1

Ethernet *2
COM 1 ch
USB (Host)
16-point in. 16-point out.
Max. 3 EX Modules
AC | DC

*1 Requires an optional Master Unit.
*2 Except for LT-3301L

LT-3201A

- 8-shades Mono
- Amber/ Red Backlight
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 128KB
- Built-in Control Program

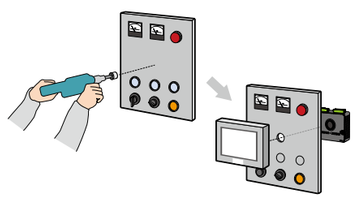
DIO | FLEX NETWORK | CANopen *

Ethernet
COM 1 ch
USB (Host)
12-point in. 6-point out.
Max. 2 EX Modules
AC | DC

*Requires an optional Master Unit.

LT4000M Series feature: All-in-one Unit

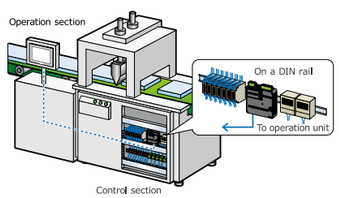
All-in-one design makes it easy to keep equipment compact and allows installation in a φ22 mm hole for easy panel mounting.* Easily troubleshoot equipment by replacing the display unit or the control unit.



* The 22mm hole is the standard size used for buttons or lamps.

LT4000M Series feature: Flexible Installation

Use a separation cable* to install the control unit on a DIN rail and the operation unit in a different location. Operation unit is space- saving, and it allows you to install flexibly even where it is difficult to install due to limitations of space.

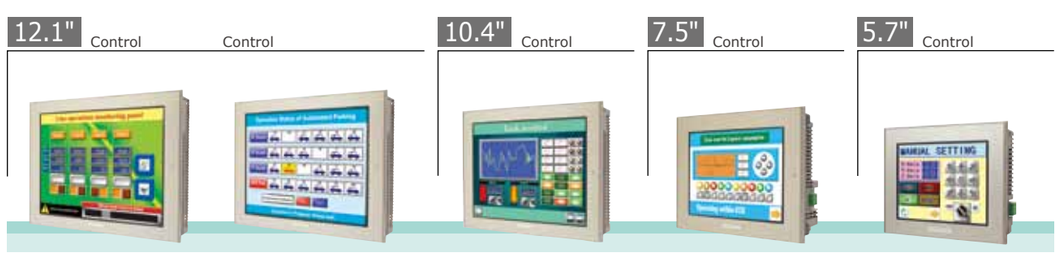


* 3m and 5m cables are available.

For further informations, visit our website.
http://www.pro-face.com/product/hmi_control/index.html

Operator Interface Plus Control: GP3000SERIES Control Class

Fusion of touch operator interface and control functions



GP-3600T

- 65,536-color TFT
- 800 × 600 pixels (SVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) | CF Card
AC | DC

GP-3600U

- 65,536-color TFT
- Ultra high-brightness Model
- 800 × 600 pixels (SVGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) | CF Card
AC | DC

GP-3500T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) | CF Card
AC | DC

GP-3400T

- 65,536-color TFT
- 640 × 480 pixels (VGA)
- Analog Touch Panel
- Application 16MB
- Data Backup 320KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) | CF Card
AC | DC

GP-3300T

- 65,536-color TFT
- 320 × 240 pixels (QVGA)
- Analog Touch Panel
- Application 6MB
- Data Backup 320KB
- Built-in Control Program

DIO | FLEX NETWORK | CANopen

Ethernet
COM 2 ch
Expansion Unit I/F
Video Mix Unit I/F
USB (Host) | CF Card
AC | DC

I/O Expansion Unit

	EX Expansion Module		CANopen Remote I/O	FLEXNETWORK Remote I/O
Master	—		CANopen Master	—
Input	8-point Input	16-point Input	—	32-point Input
Output	8-point Relay Output, 8-point Sink Output, 8-point Source Output	16-point Relay Output, 16-point Sink Output, 16-point Source Output	—	—
Input/ Output	4-point Input/ 4-point Output, 16-point Input/ 8-point Relay Output		CANopen Slave HTB (12-point Input/ 2-point Source Output/ 6-point Relay Output)	16-point Input/ 16-point Output, 32-point Input/ 32-point Output
Analog	2-ch Analog Input, 2-ch Analog Input/ 1-ch Analog Output, 4-ch Analog Input/ 2-ch Analog Output	1-ch Analog Output, 2-ch Analog Output	—	2-ch Analog Input, 2-ch Analog Output
Temperature	2-ch Thermocouple Pt100 Input/ 1-ch Analog Output, 4-ch Voltage, Current, Pt100/ Pt1000/ Ni100/ Ni1000 Input, 8-ch Temperature Pt100/ Pt1000 Input		—	—

For further informations, visit our website.
http://www.pro-face.com/product/hmi_control/index.html

Industrial PC: PS4000/PE4000B SERIES

Industrial PC

19" | 15" | 12"

PS-4800

- 1,280 x 1,024 pixels (SXGA)
- Intel® Core™ 2 Duo P8400 2.26GHz or Intel® Atom™ N270 1.6GHz
- Windows® XP, 7, Embedded
- HDD, SSD or CF card-selectable
- Fanless model is available

Ethernet 2 ch | COM 2 ch | USB 5 ch | CF Card | PCI 1 ch or none | PCIe 1 ch or none | DVI-I | AC | DC

PS-4700

- 1,024 x 768 pixels (XGA)
- Intel® Core™ 2 Duo P8400 2.26GHz or Intel® Atom™ N270 1.6GHz
- Windows® XP, 7, Embedded
- HDD or SSD CF card-selectable
- Fanless model is available
- Stainless model is available

Ethernet 2 ch | COM 2 ch | USB 5 ch | CF Card | PCI 1 ch or none | PCIe 1 ch or none | DVI-I | AC | DC

PS-4700 (Z510 model)

- 1,024 x 768 pixels (XGA)
- Intel® Atom™ Z510 1.1GHz
- Windows® Embedded
- CF card
- Fanless model only
- Stainless model is available

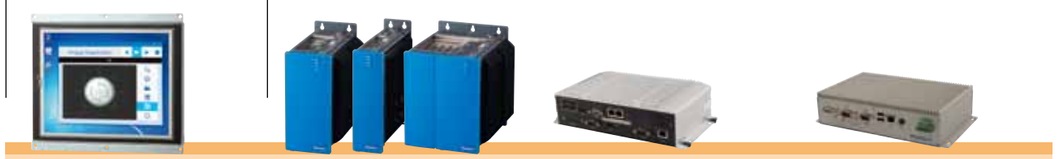
Ethernet 1 ch | COM 1 ch | USB 3 ch | CF Card | PCI | PCIe | DVI-I | AC | DC

PS-4600

- 1,024 x 768 pixels (XGA)
- Intel® Core™ i3-3217UE 1.60 GHz or Intel® Celeron® M 827E 1.40 GHz
- Windows® XP, 7, Embedded
- HDD, SSD or CFast-selectable
- Fanless model is available

Ethernet 2 ch | COM 2 ch | USB 5 ch | CFast | PCI 1 ch or 2 ch or none | PCIe 1 ch or none | DVI-I | AC | DC

12" | Built-in



PS-4600 Rear Mount Model

- 1,024 x 768 pixels (XGA)
- Intel® Core™ i3-3217UE 1.60 GHz or Intel® Celeron® M 827E 1.40 GHz
- Windows® XP, 7, Embedded
- HDD, SSD or CFast-selectable
- Fanless model is available

Ethernet 2 ch | COM 2 ch | USB 4 ch | CFast | PCI 1 ch or 2 ch or none | PCIe 1 ch or none | DVI-I | AC | DC

PS-4000B

- Intel® Core™ 2 Duo P8400 2.26GHz or Intel® Atom™ N270 1.6GHz
- Windows® XP, 7, Embedded
- HDD, SSD or CF card-selectable
- Fanless model is available

Ethernet 2 ch | COM 2 ch | USB 5 ch | CF Card | PCI 1 ch or 2 ch | PCIe 1 ch or 3 ch or none | DVI-I | AC | DC

PE4000B N2600 Model

- Intel® Atom™ Dual Core N2600 1.6 GHz
- Windows® 2009, WES7
- SSD or CFast-selectable
- Fanless model only

Ethernet 3 ch | COM 6 ch | USB 5 ch | CFast | PCI | PCIe | RGB | HDMI | AC | DC

PE4000B N270 Model

- Intel® Atom™ N270 1.6 GHz
- Windows® 2009
- CF card
- Fanless model only

Ethernet 1 ch | COM 2 ch | USB 2 ch | CF Card | PCI | PCIe | RGB | HDMI | AC | DC

For further informations, visit our website.
http://www.pro-face.com/product/ipc/index.html

Industrial Flat Panel Monitor: FP3000 SERIES

Industrial Flat Panel Monitor

19" | 15" | 12.1" | 10.4"

FP-3900T

- 1,280 x 1,024 pixels (SXGA)
- Front USB Interface (FP3900-T41-U)
- Rear USB Interface
- DVI-D, Analog RGB input

COM | Analog RGB | DVI-D | USB (Host)* | USB (Device) | AC | DC

*FP3900-T41-U only

FP-3710T

- 1,024 x 768 pixels (XGA)
- Front USB Interface (FP3710-T42-U)
- Rear USB Interface
- DVI-D, Analog RGB input

COM | Analog RGB | DVI-D | USB (Host)* | USB (Device) | AC | DC**

*FP3710-T42-U only
**FP-3710T only

FP-3650T/3600T

- 1,024 x 768 pixels (XGA), 800 x 600 pixels (SVGA)
- Rear USB Interface
- DVI-D, Analog RGB input

COM | Analog RGB | DVI-D | USB (Host) | USB (Device) | AC | DC*

Coated models are available
*FP-3600T only

FP-3500T

- 640 x 480 pixels (VGA)
- Rear USB Interface
- DVI-D, Analog RGB input

COM | Analog RGB | DVI-D | USB (Host) | USB (Device) | AC | DC

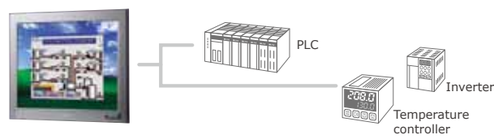
WinGP - HMI screen data operable on a Windows PC

The IPC runtime engine, WinGP, can run screen data created for Pro-face HMI on GP-Pro EX software on a Windows PC. *1

*1: WInGP can be installed from GP-Pro EX DVD-ROM, only the license needs to be purchased.

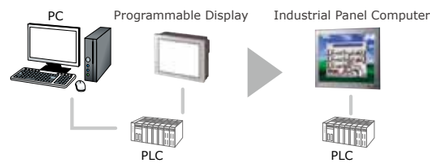
Communication with Various Controllers

The system configuration which used to be built with PC, HMI and PLC can be built only with IPC and PLC.



Downsize System Space

Communication drivers are included as standard so there is no need to develop drivers for communication with PLCs, temperature controllers, and other control devices.



Combination with User Applications

Dedicated API allows for flexible integration with in-house PC applications.

For further informations, visit our website.
http://www.pro-face.com/product/ipc/index.html

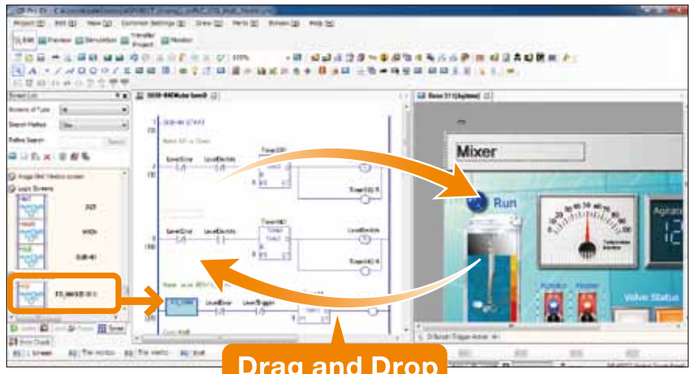
Software: GP-Pro EX and Pro-face Remote HMI

GP-Pro EX

HMI Screen Editor & Logic Programming Software

Easy sharing of symbolized device data between HMI screen and control programs using drag and drop operation provides you with intuitive operation throughout the successful completion of a project.

Function Block control programming also eases your control system design with frequently used and specially defined control functions.



Pro-face Remote HMI
Remote Monitoring Software for mobile

Pro-face mobility solutions for remote access

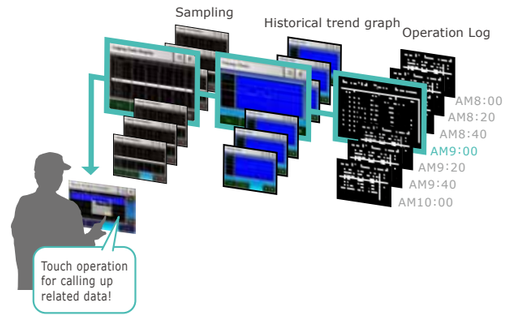
Confirm the cause of an alarm directly with your mobile device and see if the machine can be put back into operation without going on site.

Operate Windows applications via a tablet or a smartphone with Pro-face Remote HMI Server installed on your IPC or PC.

For further informations, visit our website.
http://www.pro-face.com/product/soft/remotehmi/index.html

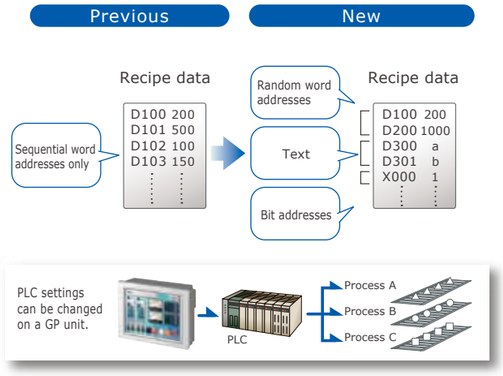
Alarm Analysis

When an error occurs, an operator can easily identify the conditions on-site by touching the alarm message.
This calls up the error-related data in chronological order.



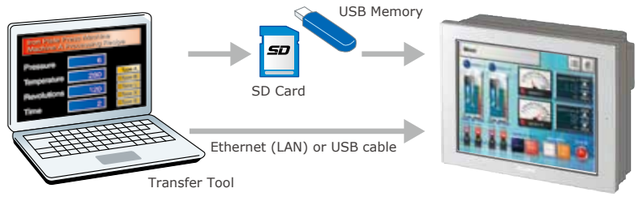
Enhanced Recipes

Develop recipes for specific devices that even combine diverse elements such as bit data, word data, and strings.



Easily Transfer

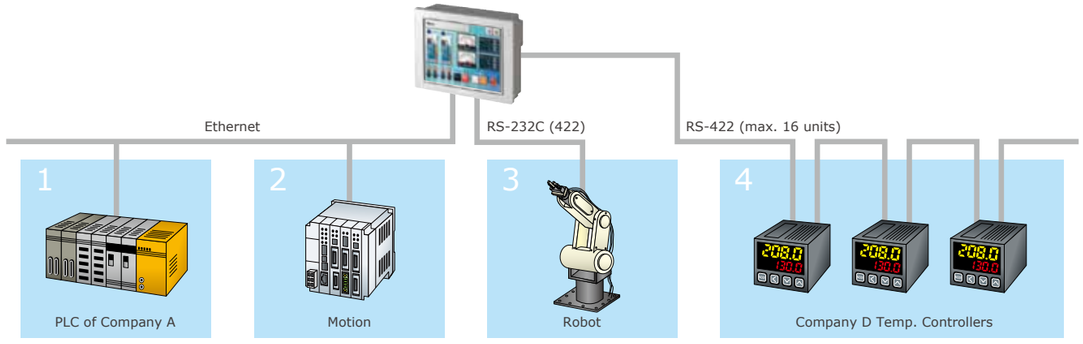
Screen data can be updated by using the data transfer tool, even without a software license.



The data transfer tool can be downloaded for free from the Web
http://www.pro-face.com/otasuke/download/

A Wide Range of Device Connections

Using the Serial Interface and Ethernet Interface, you can manage all information from a single GP through simultaneous communication with up to four types of devices.

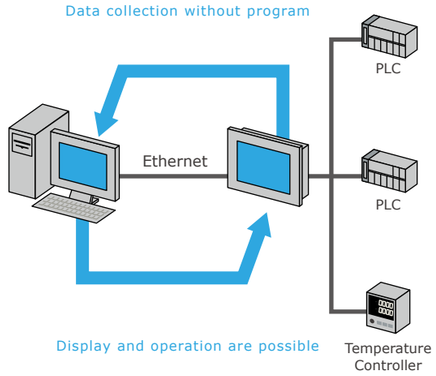


For further informations, visit our website.
http://www.pro-face.com/product/soft/index.html

Advanced Remote Monitoring Software Solutions

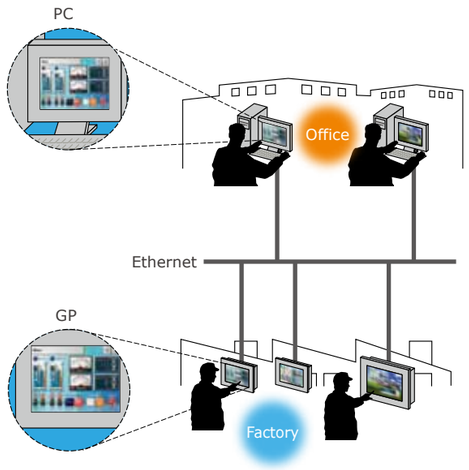
Data Management Pro-Server EX

Using GP-Pro EX as your platform, you can easily design screens at low cost that gather information on the display and connected equipment. *1



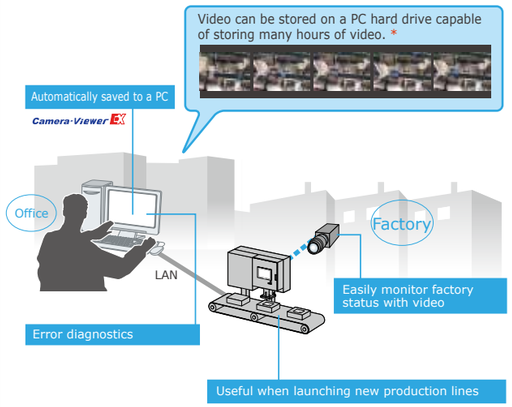
Screen Remote Monitoring GP-Viewer EX

You can remotely monitor GP screens on computers far from the worksite. *2



Camara Remote Monitoring Camera-Viewer EX

Camera-Viewer EX allows you to use an office PC to view in real-time, record and play video from a remote camera connected to a GP. *2


Video can be stored on a PC hard drive capable of storing many hours of video. *
Automatically saved to a PC
Camera-Viewer EX
Office
Factory
LAN
Easily monitor factory status with video
Error diagnostics
Useful when launching new production lines

* A brief delay of about one second may occur during real-time monitoring.

Remote PC Access RPA

With the RPA function, an operation manual on the office PC can be displayed on a GP.*2

*1 To use Pro-Server EX, separate software must be purchased. *2 To use GP-Viewer EX, Camera-Viewer EX, WinGP, RPA, a separate license must be purchased.

For further informations, visit our website.
http://www.pro-face.com/product/soft/index.html

Connectable Devices

For further information of supported models and options, and cable diagrams, refer to PLC Connection Manual.

PLC

Manufacture	Series
3S-Smart Software Solutions GmbH	CODESYS Control Win V3
Beckhoff Automation	Bus Terminal Controller: BC/BX series Embedded PC: CX series IPC/TwinCAT-SoftPLC
Control Technology Corp.	2700 Series
Crouzet	Millenium 3 Smart, Millenium 3 Essential
Delta-TAU data system, inc.	PMAC - PC/104, PMAC-Lite, PMAC-PC Turbo PMAC - Turbo PMAC1, Turbo PMAC2, Turbo Clipper, QMAC, Geo Brick Controller, Geo PMAC Driver, PC/104 Turbo, Turbo PMAC PCI, UMAC
FANUC LTD.	Fanuc Power Mate Serie, Fanuc Power Mate i Series, Fanuc Series
Fatek Automation Corp.	FBs, FBe/FBn
Fuji Electric Co.,Ltd.	MICREX-F, MICREX-SX SPH
GE Intelligent Platforms	Series 90-30, Series 90-70, VersaMaxMicro, Series 90-70R, PACSystemRX7i
Hitachi Industrial Equipment Systems Co., Ltd.	EHV+, H, EH-150, MICRO-EH, Web Controller, EHV, Web Controlle
Hitachi, Ltd.	S10V, HIDICS10α, S10mini
JTEKT Corporation	TOYOPUC-PC2/PC3J/PC3JT/PC3/PC10G
KEYENCE CORPORATION	KV-700/1000/3000/5000/5500, KV Series
KOYO ELECTRONICS INDUSTRIES CO., LTD.	KOSTAC SG/SU/SZ/PZ3/SR, DL205/305/405, Direct Logic05/06
Lenze Vertrieb GmbH	Controller 3200C
LS Industrial Systems Co., Ltd.	GLOFA Series, K1000S, K300S, K200S, K120S, K80S, XGK, XGT, XGB
MEIDENSHA CORPORATION	UNISEQUE
Mitsubishi Electric Corporation	MELSEC AnA, MELSEC AnN, MELSEC Q (A mode), MELSEC QnA, MELSEC Q, MELSEC L, MELSEC FX, MELSEC A
Mitsubishi Heavy Industries, Ltd.	DIASYS Netmation, UP/V
OMRON Corporation	SYSMAC C/α/CV/CS1/CJ1/CJ2/CP1/CP1E/CS/NJ
Panasonic Electric Works SUNX Co., Ltd.	FP
Rockwell Automation, Inc.	SLC500, PLC-5, Control Logix, Micro Logix, Compact Logix
Saia-Burgess Controls Ltd.	PCD1, PCD2, PCD3, PCD4, PCD6
Schneider Electric SA	Nano, Micro, Premium, Twido, Quantum, Momentum, MODBUS communication devices
Sharp Manufacturing Systems Corporation	JW10, JW20H, JW30H, JW50H, JW70H, JW100, JW300
SICK AG	FX3-CPU0, FX3-CPU1
Siemens AG	SIMATIC S7-200/S7-300/S7-400, 90U - 115U Series, 135U/155U Series, S5 Series, S7-1200, LOGO! Series
Siemens Building Technologies	SAPHIR
TOSHIBA CORPORATION	T Series, V Series, EX Series
TOSHIBA MACHINE CO., LTD.	TC200, TC200S, Tcmini
YASKAWA Electric Corporation	Control Pack, MP900, MP2000, MEMOCON GL, MEMOCON SC, MEMOCON Micro, MP3000, A1000, V1000
Yokogawa Electric Corporation	FA-M3, FCN, FCJ

Temperature Controller

Manufacture	Series
CHINO CORPORATION	DB, KP, LT, JU, JW
Fuji Electric Co., Ltd.	PXH, PXG, PXR (AutoFIX), PXR (NoAutoFIX), PUM
OMRON Corporation	THERMAC NEO, THERMAC, In-Panel NEO
RKC INSTRUMENT INC.	CB, FB400/FB900, HA400/HA900, MA900, MA901, SRV, SRX, SA100, SA200, SR Mini HG(HPCP-A/B), SR Mini, HG (H-PCP-J), SRZ (Z-TIO), SRZ (Z-DIO), SRZ (Z-CT), SRZ (Z-COM), REX-F9000, REX-F, REX-D, REX-G9, REXP300, REXP250, REX-AD, REX-PG, AE500, LE100
Shinko Technos Co., Ltd.	C, FC, FIR, GC, JC, AC, NC, DC, FCL, PC-900
Azbil Corporation (formerly Yamatake Corporation)	SDC10, SDC15, SDC20, SDC21, SDC25, SDC26, SDC30, SDC31, SDC35, SDC36, SDC40A, SDC40B, SDC40G, SDC45, SDC46, DMC10, DMC50, DCP31, DCP32, DCP551, DCP552, CMC10B,NX
Yokogawa Electric Corporation	Temperature Controllers UT100 Series, Digital Indicating Controllers UT2000

Inverter/Servo

Manufacture	Series
Fuji Electric Co.,Ltd.	FRENIC5000G11S, FRENIC5000P11S, FVR-E11S, FVR-C11S, FRENIC-MEGA, FRENIC-Mini, FRENIC-Eco, FRENIC-Multi
Hitachi Industrial Equipment Systems Co., Ltd.	L300P, SJ300, SJ700, SJ700-2, SJH300, HFC-VAH3, X200, SJ200, L200, WJ200
Mitsubishi Electric Corporation	FR-A700, FR-A701, FR-E700, FR-F700, FR-A500, FR-C500, FR-A500L, FR-E500, FR-F500, FR-F500J, FR-F500L, FR-S500, FR-V500, FR-V500L, FR-B,B3(A500), FR-B,B3(A700)
Sanmei Electronics Co., LTD	Si2, CutyAxis2, CutyAxis3
YASKAWA Electric Corporation	Varispeed AC, Varispeed F7, Varispeed F7S, Varispeed G7, Varispeed L7, VS mini J7, VS mini V7/VS-606V7, V1000, J1000, A1000, Analog Voltage/Pulse Train Reference Type SERVOPACKs For Rotary Servomotors, Analog Voltage/Pulse Train Reference Type SERVOPACKs For Linear Servomotors, Σ-V Series Rotary Motors (M-II), Σ-V Series Linear Motors (M-II), Σ-V Series Rotary Motors (M-III), Σ-V Series Linear Motors (M-III)

Industrial Robot

Manufacture	Series
DENSO WAVE INCORPORATED	RC7M Controller, RC8 Controller
Estic Corporation	Handy 2000
Hyundai Heavy Industries	Hi4 Robot, Hi5 Robot
IAI Corporation	PCON, ACON, SCON, ERC2, ROBONET X-SEL(Linear Actuator Controller), X-SEL(SCARA Robot Controller), SSEL, ASEL, PSEL, Table-Top Actuator
Seiko Epson Corporation	RC700 Series
SMC Corporation	LECP6, LECA6
Yaskawa Electric Corporation	DX100 Series, FS100 Series
Yamaha Motor Co., Ltd.	TS-S, TS-X, TS-P

Other Devices

Manufacture	Series
Azbil Corporation (formerly Yamatake Corporation)	PBC Series, CMS Series, CMF Series, CMQ-V Series, MPC Series, MVF Series, CML Series, AUR350C Series, AUR450C Series, RX Series
Cognex Corporation	In-Sight 5000 Series Vision Systems, In-Sight Micro Vision Systems
Digital Electronics Corporation	PC or Micro computer board etc., PC or Micro computer board etc., SIO communication devices, Ethernet communication devices
Modbus-IDA	MODBUS Compatible External Device, MODBUS Slave Device
ODVA (Open DeviceNet Vendor Association, Inc.)	EtherNet/IP communication devices

For further informations, visit our website.
http://www.pro-face.com/product/soft/gpproex/driver/driver.html

⚠ WARNING

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE

Before operating any of these products, be sure to read all related manuals thoroughly.

Failure to follow these instructions can result in death, serious injury or unintended equipment damage.

- For printing purposes, the colors in this catalog may differ from those of the actual unit.
- Actual user screens may differ from the screens shown here.
- Electric equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Digital for any consequences arising out of the use of this material.
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KLINKMANN
www.klinkmann.com

Helsinki
tel. +358 9 540 4940
automation@klinkmann.fi

St. Petersburg
tel. +7 812 327 3752
klinkmann@klinkmann.spb.ru

Moscow
tel. +7 495 641 1616
moscow@klinkmann.spb.ru

Yekaterinburg
tel. +7 343 287 19 19
yekaterinburg@klinkmann.spb.ru

Samara
tel. +7 846 273 95 85
samara@klinkmann.spb.ru

Kiev
tel. +38 044 495 33 40
klinkmann@klinkmann.kiev.ua

Riga
tel. +371 6738 1617
klinkmann@klinkmann.lv

Vilnius
tel. +370 5 215 1646
post@klinkmann.lt

Tallinn
tel. +372 668 4500
klinkmann.est@klinkmann.ee

Minsk
tel. +375 17 200 0876
minsk@klinkmann.com